



## UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

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SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.

EXAMINER	
ART UNIT	PAPER NUMBER
7	

DATE MAILED:

This is a communication from the examiner in charge of your application.

COMMISSIONER OF PATENTS AND TRADEMARKS

 This application has been examined  Responsive to communication filed on 1 April 2003  This action is made final.A shortened statutory period for response to this action is set to expire 10 (2) month(s), 65 days from the date of this letter.  
Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133

## Part I THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:

1. <input type="checkbox"/> Notice of References Cited by Examiner, PTO-892.	2. <input type="checkbox"/> Notice re Patent Drawing, PTO-948.
3. <input type="checkbox"/> Notice of Art Cited by Applicant, PTO-1449	4. <input type="checkbox"/> Notice of Informal Patent Application, Form PTO-152
5. <input type="checkbox"/> Information on How to Effect Drawing Changes, PTO-1474	6. <input type="checkbox"/> _____

## Part II SUMMARY OF ACTION

1.  Claims 1, 4-24 are pending in the application.

Of the above, claims \_\_\_\_\_ are withdrawn from consideration.

2.  Claims 2, 3, 25 have been cancelled.3.  Claims 1, 4, 5, 7-24; 6 are allowed.4.  Claims \_\_\_\_\_ are rejected.5.  Claims \_\_\_\_\_ are objected to.6.  Claims \_\_\_\_\_ are subject to restriction or election requirement.7.  This application has been filed with informal drawings which are acceptable for examination purposes until such time as allowable subject matter is indicated.8.  Allowable subject matter having been indicated, formal drawings are required in response to this Office action.9.  The corrected or substitute drawings have been received on \_\_\_\_\_. These drawings are  acceptable;  not acceptable (see explanation).10.  The  proposed drawing correction and/or the  proposed additional or substitute sheet(s) of drawings, filed on \_\_\_\_\_ has (have) been  approved by the examiner.  disapproved by the examiner (see explanation).11.  The proposed drawing correction, filed 1 April 2003, has been  approved.  disapproved (see explanation). However, the Patent and Trademark Office no longer makes drawing changes. It is now applicant's responsibility to ensure that the drawings are corrected. Corrections MUST be effected in accordance with the instructions set forth on the attached letter "INFORMATION ON HOW TO EFFECT DRAWING CHANGES", PTO-1474.12.  Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has  been received  not been received been filed in parent application, serial no. \_\_\_\_\_; filed on \_\_\_\_\_13.  Since this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.14.  Other

## EXAMINER'S ACTION

SN 825678